Supplementary Table 1: Additional analyses

The table below shows the results of repeated-measures ANOVAs for all simpler comparisons relative to baseline, with Hemisphere (left, right), Event (e.g. AB, BX; as listed in the second column) and Phase (e.g. P1, P2; as listed in the first column) as within-subject factors. As apparent from the table, these simpler comparisons support our network results (small-scale, medium-scale, and large-scale), but some of the effects are more subtle. The more detailed comparisons were used to test our specific predictions for the entire pattern of correlations across the entire task (i.e. across time) for the three different sub-regions of the hippocampus. By combining the simpler comparisons with the specific contrasts examining the presence of the three model networks, our analysis becomes not only more powerful statistically, but also more specific to the actual predictions and, therefore, more suited to control for possible unspecific effects of time.

		Posterior HPC	**Mid-portion HPC**	**Anterior HPC**
P1 to 2	**AB > BX**	$p = .075$, $F_{1,28} = 3.417^{+}$	$p = .883$, $F_{1,28} = .022$	$p = .659$, $F_{1,28} = .199$
	BC > BX	$p = .965$, $F_{1,28} = .002$	$p = .758$, $F_{1,28} = .097$	$p = .847$, $F_{1,28} = .038$
	AC > BX	$p = .286$, $F_{1,28} = 1.185$	$p = .306$, $F_{1,28} = 1.088$	$p = .743$, $F_{1,28} = .110$
P2 to 3	**AB > BX**	$p = .172$, $F_{1,28} = 1.960$	$p = .045$, $F_{1,28} = 4.388^{*}$	$p = .026$, $F_{1,28} = 5.525^{*}$
	BC > BX	$p = .129$, $F_{1,28} = 2.445$	$p = .274$, $F_{1,28} = 1.247$	$p = .093$, $F_{1,28} = 3.024^{+}$
	AC > BX	$p = .354$, $F_{1,28} = .889$	$p = .960$, $F_{1,28} = .003$	$p = .006$, $F_{1,28} = 8.846^{*}$

$^{+}$ $0.05 < p < 0.1$
* $p < 0.05$